

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/547,843
Source: PCT
Date Processed by STIC: 9-16-05

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/547,843

CRF Edit Date:

Edited by: KL

9/16/05

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Deleted: invalid beginning/end-of-file text ; page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

— Moved responses to same line as heading/numeric identifier, specifically:

— Other:

Revised 09/09/2003

BEST AVAILABLE COPY



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/547,843

DATE: 09/16/2005
TIME: 12:31:15

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\09162005\J547843.raw

3 <110> APPLICANT: HORIGUCHI, Takashi
 4 MATSUI, Hideki
 5 WATANABE, Tomomichi
 7 <120> TITLE OF INVENTION: Novel protein and its DNA
 9 <130> FILE REFERENCE: 3159 US0P
 W--> 10 <140> CURRENT APPLICATION NUMBER: US
 C--> 11 <141> CURRENT FILING DATE: 2005-09-06
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/003033
 14 <151> PRIOR FILING DATE: 2004-03-09
 16 <150> PRIOR APPLICATION NUMBER: JP2003-64197
 17 <151> PRIOR FILING DATE: 2003-03-10
 19 <150> PRIOR APPLICATION NUMBER: JP2003-149679
 20 <151> PRIOR FILING DATE: 2003-05-27
 22 <160> NUMBER OF SEQ ID NOS: 10
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 264
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Homo sapiens
 29 <400> SEQUENCE: 1
 30 Met Gly Gly Ala Gln Leu Glu Leu Pro Ser Gly Ala Arg Pro Gly Val
 31 5 10 15
 32 Cys Val Arg Arg Ser Phe Arg Ala His Ala Gly Asp Gln Pro Arg Arg
 33 20 25 30
 34 Pro Pro Gly Pro Ile Pro Val Pro Gly Thr Met Lys Gln Glu Ser Ala
 35 35 40 45
 36 Ala Pro Asn Thr Pro Pro Thr Ser Gln Ser Pro Thr Pro Ser Ala Gln
 37 50 55 60
 38 Phe Pro Arg Asn Asp Gly Asp Pro Gln Ala Leu Trp Ile Phe Gly Tyr
 39 65 70 75 80
 40 Gly Ser Leu Val Trp Arg Pro Asp Phe Ala Tyr Ser Asp Ser Arg Val
 41 85 90 95
 42 Gly Phe Val Arg Gly Tyr Ser Arg Arg Phe Trp Gln Gly Asp Thr Phe
 43 100 105 110
 44 His Arg Gly Ser Asp Lys Met Pro Gly Arg Val Val Thr Leu Leu Glu
 45 115 120 125
 46 Asp His Glu Gly Cys Thr Trp Gly Val Ala Tyr Gln Val Gln Gly Glu
 47 130 135 140
 48 Gln Val Ser Lys Ala Leu Lys Tyr Leu Asn Val Arg Glu Ala Val Leu
 49 145 150 155 160
 50 Gly Gly Tyr Asp Thr Lys Glu Val Thr Phe Tyr Pro Gln Asp Ala Pro
 51 165 170 175
 52 Asp Gln Pro Leu Lys Ala Leu Ala Tyr Val Ala Thr Pro Gln Asn Pro
 53 180 185 190

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54 Gly Tyr Leu Gly Pro Ala Pro Glu Glu Ala Ile Ala Thr Gln Ile Leu
 55 195 200 205
 56 Ala Cys Arg Gly Phe Ser Gly His Asn Leu Glu Tyr Leu Leu Arg Leu
 57 210 215 220
 58 Ala Asp Phe Met Gln Leu Cys Gly Pro Gln Ala Gln Asp Glu His Leu
 59 225 230 235 240
 60 Ala Ala Ile Val Asp Ala Val Gly Thr Met Leu Pro Cys Phe Cys Pro
 61 245 250 255
 62 Thr Glu Gln Ala Leu Ala Leu Val
 63 260
 65 <210> SEQ ID NO: 2
 66 <211> LENGTH: 792
 67 <212> TYPE: DNA
 68 <213> ORGANISM: Homo sapiens
 70 <400> SEQUENCE: 2
 71 atggggggcg ctcagctgga gctaccgagc ggtgccaggc caggtgtgtg cgtccgtcgg 60
 72 tcttccgtg cccacgcccc agaccagccc cggagcccc ctgggcctat ccctgtgcca 120
 73 ggcaccatga agcaggagtc tgcagcccc aacaccccc ccacctcgca gtcccccatacg 180
 74 ccgtccgctc agttcccccg aaacgacggc gaccctcaag cgctgtggat tttcggtac 240
 75 ggctccctgg tgtggaggcc cgacttcgccc tacagcgaca gccgtgtggg cttcggtgcgc 300
 76 ggctacagcc gccgttctg gcagggagac accttccatc ggggcagcga caagatgcct 360
 77 ggcgtgtgg tgacgtcct tgaagatcat gagggtctgca cttggggcgt ggcataccaa 420
 78 gtgcaagggg agcaggttaag caaggccctg aagtacctga atgtgcgaga ggcagtgcgtt 480
 79 ggtggctacg ataccaagga ggtcaccttc tatecccaag atgtctctga ccaaccactg 540
 80 aaggcattgg cctatgtggc cacccccacag aaccctgggtt acctgggccc tgcgcctgaa 600
 81 gagggcattg ccacgcagat cctggcctgc cggggcttct cggccaccaa cttgaatac 660
 82 ttgctgcgtc tggcagactt catgcagctc tgtggcctc aggcgcagga cgagcacctg 720
 83 gcagccatcg tggacgctgt gggcaccatcg ttgcctgtct tctgccccac cgagcaggct 780
 84 ctggcgctgg tg 792
 86 <210> SEQ ID NO: 3
 87 <211> LENGTH: 18
 88 <212> TYPE: DNA
 89 <213> ORGANISM: Artificial Sequence
 91 <220> FEATURE:
 92 <223> OTHER INFORMATION: Primer
 94 <400> SEQUENCE: 3
 95 ggcaggggta taagacac 18
 97 <210> SEQ ID NO: 4
 98 <211> LENGTH: 19
 99 <212> TYPE: DNA
 100 <213> ORGANISM: Artificial Sequence
 102 <220> FEATURE:
 103 <223> OTHER INFORMATION: Primer
 105 <400> SEQUENCE: 4
 106 acccgccatg ccttctcag 19
 108 <210> SEQ ID NO: 5
 109 <211> LENGTH: 24
 110 <212> TYPE: DNA
 111 <213> ORGANISM: Artificial Sequence

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113 <220> FEATURE:
 114 <223> OTHER INFORMATION: Primer
 116 <400> SEQUENCE: 5
 117 cgccagggtt ttcccagtca cgac 24
 119 <210> SEQ ID NO: 6
 120 <211> LENGTH: 27
 121 <212> TYPE: DNA
 122 <213> ORGANISM: Artificial Sequence
 124 <220> FEATURE:
 125 <223> OTHER INFORMATION: Primer
 127 <400> SEQUENCE: 6
 128 agcggataac aatttcacac aggaaac 27
 130 <210> SEQ ID NO: 7
 131 <211> LENGTH: 30
 132 <212> TYPE: DNA
 133 <213> ORGANISM: Artificial Sequence
 135 <220> FEATURE:
 136 <223> OTHER INFORMATION: Primer
 138 <400> SEQUENCE: 7
 139 gccatgggg ggcgtcgact ggagctaccg 30
 141 <210> SEQ ID NO: 8
 142 <211> LENGTH: 26
 143 <212> TYPE: DNA
 144 <213> ORGANISM: Artificial Sequence
 146 <220> FEATURE:
 147 <223> OTHER INFORMATION: Primer
 149 <400> SEQUENCE: 8
 150 tcacaccgc gccagagcct gctcgg 26
 152 <210> SEQ ID NO: 9
 153 <211> LENGTH: 20
 154 <212> TYPE: DNA
 155 <213> ORGANISM: Artificial Sequence
 157 <220> FEATURE:
 158 <223> OTHER INFORMATION: Primer
 160 <400> SEQUENCE: 9
 161 taatacgcact cactataggg 20
 163 <210> SEQ ID NO: 10
 164 <211> LENGTH: 18
 165 <212> TYPE: DNA
 166 <213> ORGANISM: Artificial Sequence
 168 <220> FEATURE:
 169 <223> OTHER INFORMATION: Primer
 171 <400> SEQUENCE: 10
 172 tagaaggcac agtcgagg 18

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/547,843

DATE: 09/16/2005

TIME: 12:31:16

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\09162005\J547843.raw

L:10 M:283 W: Missing Blank Line separator, <140> field identifier

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**Raw Sequence Listing before editing,
for reference only**



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/547,843

DATE: 09/15/2005
TIME: 16:49:24

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\09142005\J547843.raw

3 <110> APPLICANT: HORIGUCHI, Takashi
4 MATSUI, Hideki
5 WATANABE, Tomomichi
7 <120> TITLE OF INVENTION: Novel protein and its DNA
9 <130> FILE REFERENCE: 3159 US0P
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16 <150> PRIOR APPLICATION NUMBER: JP2003-64197
17 <151> PRIOR FILING DATE: 2003-03-10
19 <150> PRIOR APPLICATION NUMBER: JP2003-149679
20 <151> PRIOR FILING DATE: 2003-05-27
22 <160> NUMBER OF SEQ ID NOS: 10

ERRORED SEQUENCES

(PG.1-2) ↗

65 <210> SEQ ID NO: 2
66 <211> LENGTH: 792
67 <212> TYPE: DNA
68 <213> ORGANISM: Homo sapiens
70 <400> SEQUENCE: 2
71 atggggggcg ctcagctgga gctaccgagc ggtgccaggc caggtgtgtg cgtccgtcgg 60
72 tcttccgtg cccacggccgg agaccagccc cggaggccgc ctgggcctat ccctgtgcca 120
73 ggcaccatga agcaggagtc tgcagccccg aacaccccgcc caccatcgca gtcccctacg 180
74 ccgtccgctc agttcccccg aaacgcacggc gaccctcaag cgctgtggat ttccgggtac 240
75 ggctccctgg tggggggcc cgacttcgccc tacagcgaca gccgtgtggg ttccgtgcgc 300
76 ggctacagcc gccgttctg gcaggggagac accttcacat ggggcagcga caagatgcct 360
77 ggccgtgtgg tgcgcctt tgaagatcat gagggtgcac cttggggcgt ggcataccaa 420
78 gtgcaagggg agcaggtaag caaggccctg aagtacctga atgtgcgaga ggcagtgcct 480
79 ggtggctacg ataccaagga ggtcaccttc tatcccaag atgcctctga ccaaccactg 540
80 aaggcattgg cctatgtggc caccccacag aaccctggtt acctgggccc tgcgcctgaa 600
81 gagggcattg ccacgcagat cctggcctgc cggggcttcc cccggccacaa ccttgaatac 660
82 ttgcgtgcgtc tggcagaactt catgcagctc tggggcctc aggccgcaggaa cgagcacctg 720
83 gcagccatcg tggacgctgt gggcaccatg ttgcctgtc tctggccac cgagcaggct 780
E--> 84 ctggcgctgg tg 792
85 792
164 <210> SEQ ID NO: 10 moved here →
165 <211> LENGTH: 18
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/547,843

DATE: 09/15/2005
TIME: 16:49:24

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\09142005\J547843.raw

170 <223> OTHER INFORMATION: Primer

172 <400> SEQUENCE: 10

173 tagaaggcac agtcgagg

E--> 177 1

18

deleted

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/547,843

DATE: 09/15/2005

TIME: 16:49:25

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\09142005\J547843.raw

L:10 M:283 W: Missing Blank Line separator, <140> field identifier
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:84 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:792 SEQ:2
L:177 M:254 E: No. of Bases conflict, this line has no nucleotides.